



PAUL R. LEPAGE
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



PAUL MERCER
COMMISSIONER

State of Maine
Department of Environmental Protection

MEMORANDUM

To: File

From: Pamela Davis Green

Date: September 23, 2016

Re: GE Auburn Facility, 135 Rodman Road, Auburn ME
RCRA Corrective Action Construction Complete – CA550

This Memorandum is submitted on letterhead to formalize a Memorandum dated September 16, 2016. The September 16, 2016 Memorandum was a follow up of a September 14, 2015 Memorandum regarding removal of contaminated sediment from a drainage ditch located downgradient of the GE, Auburn facility's groundwater suppression system. On September 11, 2015 ARCADIS and GE project managers informed the Maine Department of Environmental Protection (DEP) that they had removed sediment to the root mat and below in some areas. The DEP was waiting for confirmation sample results from the laboratory, SGS Accutest Inc. – Marlborough (SGS). SGS was conducting an extensive review of data associated with issues regarding some historical Gas Chromatography-Mass Spectroscopy volatile analysis.

On August 5, 2016 SGS notified ARCADIS that there were no samples analyzed or reported for this project during the time frame of their review period (August 1, 2012 to January 1, 2015). However, the DEP identified a number of samples for this project that were collected as early as January 2012 and asked ARCADIS to continue their data review. On September 1, 2016 SGS notified ARCADIS that after additional review for the entire time period in question, no samples analyzed or reported were impacted (January 1, 2012 through January 1, 2015). The DEP notified the Environmental Protection Agency (EPA) of these notifications, and both agencies are satisfied that confirmation data are acceptable to support the CA550 determination made on September 14, 2015.

Completed by Pamela Davis Green Date 9/23/2016
Pamela Davis Green, Environmental Specialist III
Maine Department of Environmental Protection

Supervisor Chris Swain Date 9/23/2016
Chris Swain, Unit Manager
Maine Department of Environmental Protection

References:

SGS Accutest, Marlborough Volatiles Internal Review, August 5, 2016
SGS Accutest, Marlborough Volatiles Internal Review, September 1, 2016

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State of Maine
Department of Environmental Protection

MEMORANDUM

To: File

From: Pamela Davis Green

Pamela Davis Green

Date: September 16, 2016

Re: GE Auburn Facility, 135 Rodman Road, Auburn ME
RCRA Corrective Action Construction Complete -CA550

This Memorandum serves to follow up a September 14, 2015 Memorandum regarding removal of contaminated sediment from a drainage ditch located downgradient of the GE, Auburn facility's groundwater suppression system. On September 11, 2015 ARCADIS and GE project managers informed the Maine Department of Environmental Protection (DEP) that they had removed sediment to the root mat and below in some areas. The DEP was waiting for confirmation sample results from the laboratory, SGS Accutest Inc. - Marlborough (SGS). SGS was conducting an extensive review of data associated with issues regarding some historical Gas Chromatography-Mass Spectroscopy volatile analysis.

On August 5, 2016 SGS notified ARCADIS that there were no samples analyzed or reported for this project during the time frame of their review period (August 1, 2012 to January 1, 2015). However, the DEP identified a number of samples for this project that were collected as early as January 2012 and asked ARCADIS to continue their data review. On September 1, 2016 SGS notified ARCADIS that after additional review for the entire time period in question, no samples analyzed or reported were impacted (January 1, 2012 through January 1, 2015). The DEP notified the Environmental Protection Agency (EPA) of these notifications, and both agencies are satisfied that confirmation data are acceptable to support the CA550 determination made on September 14, 2015.



ACCUTEST

August 5, 2016

ARCADIS U.S., Inc
Project: GE Auburn, ME

ATTN: Andy Robinson

RE: SGS Accutest, Marlborough Volatiles Internal Review

Dear Sir or Madam

As you are aware, SGS Accutest Inc. - Marlborough has been conducting an extensive review of data associated with some historical Gas Chromatography-Mass Spectroscopy volatiles analyses. Based on our comprehensive review of the GC/MS volatiles data reported by the laboratory within the scope of the investigation, there were no samples analyzed or reported for the above project.

Rest assured that all needed corrective actions have been put in place to address this matter and prevent a recurrence with any future data reported by the laboratory. We sincerely apologize for the inconvenience that this has caused your organization and appreciate your patience while we worked to resolve this matter. Please don't hesitate to contact us if we can be of further assistance.

For more than a century, SGS has been proud to serve as a global benchmark of reliability, and as one benefit of our acquisition by SGS earlier this year, we have additional resources for quality assurance and a redoubled commitment to assuring total quality that you can depend on. SGS stands firmly behind SGS Accutest and its data and will invest in sharing best practices in laboratory management ensuring the highest levels of quality and delivering the service that it is known for.

Sincerely,

H. (Brad) Madadian

Regional Laboratory Director



ACCUTEST

September 1, 2016

ARCADIS U.S., Inc.

ATTN: Mr. Andy Robinson

RE: SGS Accutest, Marlborough Volatiles Internal Review
Project: GE Auburn, ME

Dear Mr. Robinson

As you are aware, SGS Accutest Inc. - Marlborough has been conducting an extensive review of data associated with some historical Gas Chromatography-Mass Spectroscopy volatiles analyses. Based on our comprehensive review of the GC/MS volatiles data reported by the laboratory within the scope of the investigation (January 2012 through March 2015), we determined that samples analyzed or reported for the above-referenced project were not impacted.

We appreciate your patience while we worked to resolve this matter. Please do not hesitate to contact us if we can be of further assistance.

Sincerely,


H. (Brad) Madadian

Regional Laboratory Director
SGS Accutest Inc. Marlborough
Phone: 508 481 6200

Email: brad.madadian@sgs.com

State of Maine
Department of Environmental Protection

MEMORANDUM

To: File

From: Richard Kaselis

Date: September 14, 2015

Subject: RCRA Corrective Action Construction Complete-CA 550, execution of sediment removal at GE Auburn Facility, 135 Rodman Rd, Auburn, Maine.

The GE Auburn Facility remedy Selection required the removal of an area of contaminated sediments. The area was approximately 10 feet long by 10 feet wide and 12 inches deep. The sediment was contaminated with copper (80.9 -106 mg/kg) and silver (8.0-18.4 mg/kg).

The facility was constructed in an area that has a high water table. The groundwater suppression system is utilized by GE to keep groundwater from infiltrating into the basement of the facility below the plating area. This system discharged to a drainage swale resulting in elevated inorganics silver and copper. The excavation of contaminated sediments constitutes construction complete.

On September 10, 2015 GE removed the contaminated sediment from the drainage ditch located down gradient of the GE facility groundwater suppression system. Although the Department does not expect further excavation will be needed, the Department is waiting for confirmation samples. The confirmation samples taken on September 10, 2015. See attached figure 1 identifying the removal location.



